

*W. Schreyer*

**RAW SEQUENCE LISTING**  
**ERROR REPORT**

*Paper # 12*  
*12.00*

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/147,443A  
Art Unit / Team No. : 1644  
Date Processed by STIC: 6/9/2000

**THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.**

**PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,**
- 2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY**

**THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.**

**IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:**

**MARK SPENCER 703-308-4212**

1644

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/147,443A DATE: 06/09/2000  
 TIME: 17:01:44

Input Set : A:\09 147,443 SEQUENCE LISTING.txt  
 Output Set: N:\CRF3\06082000\I147443A.raw

*Does Not Comply  
 Corrected Diskette Needed*

4 (1) GENERAL INFORMATION:  
 E--> 6 (i) APPLICANT:  
 14 (ii) TITLE OF INVENTION: Recombinant Fab-fragment with reactivity  
 15 against Rhesus D antigens, DNA encoding them, complete  
 16 antibodies comprising the Fab fragments and process for  
 17 their preparation  
 19 (iii) NUMBER OF SEQUENCES: 64  
 E--> 0 (iv) CORRESPONDENCE ADDRESS:  
 9 (B) STREET: Wankdorfstrasse 10  
 10 (C) CITY: Bern 22  
 11 (E) COUNTRY: Switzerland  
 C--> 12 (F) ZIP: CH-3000  
 C--> 21 (v) COMPUTER READABLE FORM:  
 22 (A) MEDIUM TYPE: Floppy disk  
 23 (B) COMPUTER: IBM PC compatible  
 24 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
 25 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)  
 C--> 27 (vi) CURRENT APPLICATION DATA:  
 C--> 28 (A) APPLICATION NUMBER: US/09/147,443A  
 C--> 0 (B) FILING DATE: 21-Jan-1999  
 C--> 29 (vii) PRIOR APPLICATION DATA:  
 30 (A) APPLICATION NUMBER: EP 96810421.6  
 31 (B) FILING DATE: 24-JUN-1996  
 C--> 0 (viii) ATTORNEY/AGENT INFORMATION:  
 7 (A) NAME: Rotkreuzstiftung Zentrallaboratorium  
 8 Blutspendedienst

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# ERRORED SEQUENCES

1110 (2) INFORMATION FOR SEQ ID NO: 21:  
 1112 (i) SEQUENCE CHARACTERISTICS:  
 1113 (A) LENGTH: 375 base pairs  
 1114 (B) TYPE: nucleic acid  
 1115 (C) STRANDEDNESS: single  
 1116 (D) TOPOLOGY: linear  
 1118 (ii) MOLECULE TYPE: cDNA to mRNA  
 1120 (iii) HYPOTHETICAL: NO  
 1122 (iv) ANTI-SENSE: NO  
 1124 (v) FRAGMENT TYPE: N-terminal  
 1126 (vi) ORIGINAL SOURCE:  
 1127 (A) ORGANISM: Homo sapiens  
 1128 (C) INDIVIDUAL ISOLATE: Hyperimmune Rhesus D donor  
 1129 (E) HAPLOTYPE: diploid  
 1130 (G) CELL TYPE: Peripheral lymphocyte B  
 1132 (vii) IMMEDIATE SOURCE:  
 1133 (A) LIBRARY: cDNA LIBRARY, LD2

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/147,443A

DATE: 06/09/2000  
TIME: 17:01:45

Input Set : A:\09 147,443 SEQUENCE LISTING.txt  
Output Set: N:\CRF3\06082000\I147443A.raw

1134 (B) CLONE: LD2-1  
1136 (viii) POSITION IN GENOME:  
1137 (A) CHROMOSOME/SEGMENT: chromosome 14  
1138 (B) MAP POSITION: q32.3  
1139 (C) UNITS: Chromosome band number  
1141 (ix) FEATURE:  
1142 (A) NAME/KEY: CDS  
1143 (B) LOCATION:1..375  
1144 (D) OTHER INFORMATION:/product= "Immunoglobulin, Fab"  
1146 (ix) FEATURE:  
1147 (A) NAME/KEY: CDR1, CDR2, CDR3  
1148 (B) LOCATION:join(91..105, 148..198, 295..342)  
1151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:

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E--> 1152 : 48 *delete*  
E--> 1154 CAG GTG AAA CTG CTC GAG TCT GGG GGA GGC GTG GTC CAG CCG GGG GGG  
1155 Gln Val Lys Leu Leu Glu Ser Gly Gly Val Val Gln Pro Gly Gly  
1156 1 5 10 15 96  
E--> 1158 TCC CTG AGA CTC TCC TGT GTA GCG TCT GGA TTC ACC CTC AGG AGT TAT  
1159 Ser Leu Arg Leu Ser Cys Val Ala Ser Gly Phe Thr Leu Arg Ser Tyr  
1160 20 25 30 144  
E--> 1162 GGC ATG CAC TGG GTC CGC CAG GCT CCA GGC AAG GGC CTG GAG TGG GTG  
1163 Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val  
1164 35 40 45 192  
E--> 1166 GCT TTT ATA TGG TTT GAT GGA AGT AAT AAA GGA TAT GTA GAC TCC GTG  
1167 Ala Phe Ile Trp Phe Asp Gly Ser Asn Lys Gly Tyr Val Asp Ser Val  
1168 50 55 60 240  
E--> 1170 AAG GGC CGA TTC ACC ATC TCC CGA GAC AAT TCC AAG AAC ATG GTC TAT  
1171 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Met Val Tyr  
1172 65 70 75 80 288  
E--> 1174 CTG CAA ATG AAC AGC CTG AGA GCC GAT GAC ACG GCT GTA TAT TAT TGT  
1175 Leu Gln Met Asn Ser Leu Arg Ala Asp Asp Thr Ala Val Tyr Tyr Cys  
1176 85 90 95 336  
E--> 1178 GCG AGA GAG AAG GCG CTT CGG GGA ATC AGC AGA TAC AAC TAT TAC CTG  
1179 Ala Arg Glu Lys Ala Leu Arg Gly Ile Ser Arg Tyr Asn Tyr Tyr Leu  
1180 100 105 110 375  
E--> 1182 GAC GTC TGG GGC AAG GGG ACC ACG GTC ACC GTC TCC TCA  
1183 Asp Val Trp Gly Lys Gly Thr Thr Val Thr Val Ser Ser  
1184 115 120 125

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/147,443A

DATE: 06/09/2000

TIME: 17:01:46

Input Set : A:\09 147,443 SEQUENCE LISTING.txt  
Output Set: N:\CRF3\06082000\I147443A.raw

L:12 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:]  
L:21 M:220 C: Keyword misspelled or invalid format, [(v) COMPUTER READABLE FORM:]  
L:27 M:220 C: Keyword misspelled or invalid format, [(vi) CURRENT APPLICATION DATA:]  
L:28 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]  
L:29 M:220 C: Keyword misspelled or invalid format, [(vii) PRIOR APPLICATION DATA:]  
L:6 M:200 E: Mandatory Header Field missing, [(i) APPLICANT:] Value not provided  
L:0 M:200 E: Mandatory Header Field missing, [(A) ADDRESSEE:]  
L:0 M:200 E: Mandatory Header Field missing, [(D) STATE:]  
L:0 M:248 E: Inserted missing Mandatory Header Field, [(iv) CORRESPONDENCE ADDRESS:]  
L:0 M:247 C: Inserted Optional Header Field, [(viii) ATTORNEY/AGENT INFORMATION:]  
L:0 M:249 C: Inserted Mandatory Field, [(B) FILING DATE:]  
L:1152 M:254 E: No. of Bases conflict, Input:0 Counted:0 SEQ:21  
L:1152 M:320 E: (1) Wrong Nucleic Acid Designator, 1  
M:254 Repeated in SeqNo=21  
L:1184 M:204 E: No. of Bases differ, LENGTH:Input:375 Counted:376 SEQ:21  
L:1817 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:33  
L:1821 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:33  
L:1825 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:33  
L:1829 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:33  
L:2016 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:37  
L:2668 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:49  
L:2672 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:49  
L:2676 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:49  
L:2680 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:49  
L:2684 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:49  
L:2688 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:49  
L:2903 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:53